

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111024 Mode: Highway Status: Submitted

US-221 BUS

From/Cross Street: US 221/NC 226 Specific Improvement Type: 1 - Widen Existing Roadway

To: Georgia Ave Project Category: Regional Impact

Length: 1.48 TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$9,218,000

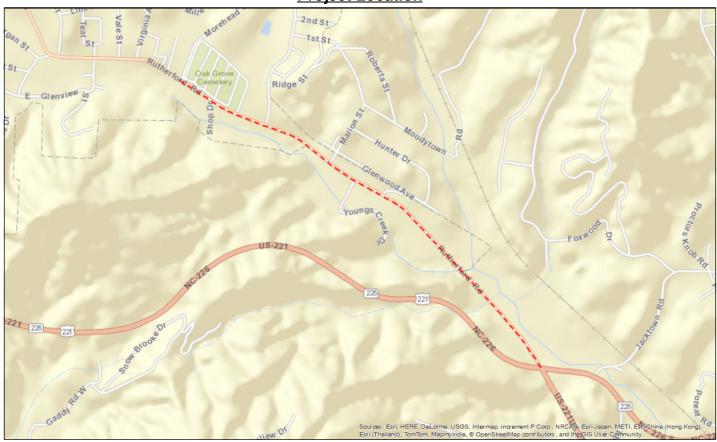
Description:

Widen Roadway to Three Lane with Curb and Gutter and Extend Sidewalk

Division(s): Division 13 **County(s):** MCDOWELL

MPOS(s)/RPO(s): Isothermal RPO

Project Location



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Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 33.14

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) Safety (10%) [Travel Time] Benefit/Cost (25%) Accessibility / Connectivity (10%) Totals: Weight: 70% Weighted Score	43.08 59.42 0.00 14.26	Percent: 15% Points: 0	Percent: 15% Points: 100

Division Needs Total Score: 64.56

	Division Engineer Local Input Points	MPO/RPO Local Input Points
43.08 59.42 0.00	Percent: 25% Points: 100	Percent: 25% Points: 100
	59.42	43.08 Percent: 25% Points: 100 0.00

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Project Data *

Existing Conditions

Existing Cross-Section: 35 Speed Limit: Length (miles); 1.48 Arterial Facility Type: None Access Control: Functional Classification: Minor Arterial Rolling Terrain Type: Lane Width: 12 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 10263.68 15800 Capacity: Volume/Capacity Ratio: 0.65 % Autos: 97% % Trucks: 3% Truck Volume: 340.11 66.56 Crash Density: Crash Severity: 44.83 Critical Crash Rate: 66.89 Crash Frequency: 0 0 Severity Index: County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 22 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 85 Actual Congested Speed: 0 Travel Time Index:

Project Benefits

Project Cross-Section:	3B - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, and Sidewalks
Speed Limit:	35
Length (miles):	1.48
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

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Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 13	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Isothermal RPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$7,638,000	TIP Unit
Right-of-Way Cost:	\$1,411,000	Cost Estimation Tool
Utilities Cost:	\$169,000	Cost Estimation Tool
Total Project Cost:	\$9,218,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$9,218,000	

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